

 National Aeronautical Laboratory	Documentation Sheet	Document Classification Restricted
Title : Electroslog Welding		Document No. PD MT 8711 Date of issue: JAN. 1987
Author(s) : V. Ramachandran, B. Dwarakanath Rao, M.A. Parameswara, K. Subbarayadu and S. Radhakrishnan		Contents 10 pages
Division : Materials Science		No. of copies: 30
External participation :		NAL Project No. MT-1-129
Sponsor : Aeronautics R&D Board		Sponsor's Project No. Aero/RD-134/100/10/76-77/
Approval : V. Ramachandran		
Remarks : Annual Progress Report 1986..		
Keywords : Electroslog welding, alloy steels, consumable guide, wire electrode, strip electrode, microstructure and mechanical properties, weldment and heat affected zone		
Abstract : This is the Annual progress Report of a Grant-in-Aid project of the Aeronautics Research and Development Board. The report contains summary of the work done on electroslog welding of thick steel plates. Radiographically sound welds free from cracks have been obtained in type 316 stainless steel plates of 36mm thickness. The mechanical properties of the welds have been evaluated and found to be satisfactory as per the code requirements.		